

#### ABSTRACT OF THE DISCLOSURE

During registration, an iris image taken is frequency-analyzed using a plurality of frequencies  $f_1$  to  $f_n$  to generate features for the respective frequencies  $f_1$  to  $f_n$ .

5 During authentication, frequencies  $f_2$  to  $f_n$  are selected from the frequencies  $f_1$  to  $f_n$  for use in frequency analysis for authentication. An iris image of a person to be authenticated taken is frequency-analyzed using the selected frequencies  $f_2$  to  $f_n$  to generate features for the respective 10 frequencies  $f_2$  to  $f_n$ . The generated features are compared with the features generated for the same frequencies during the registration to perform personal authentication.